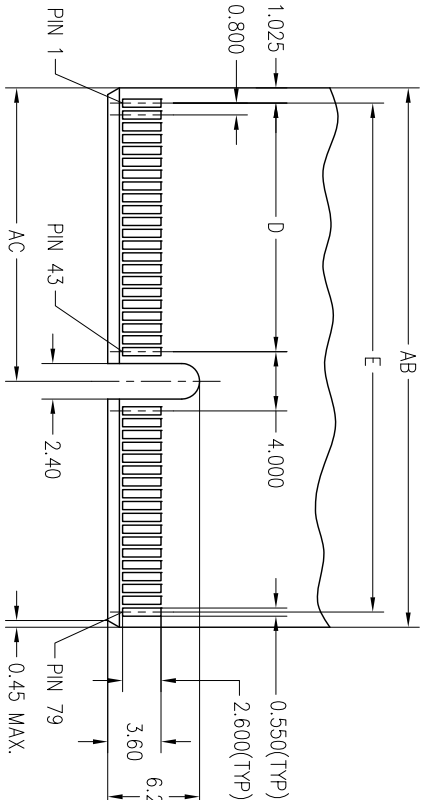
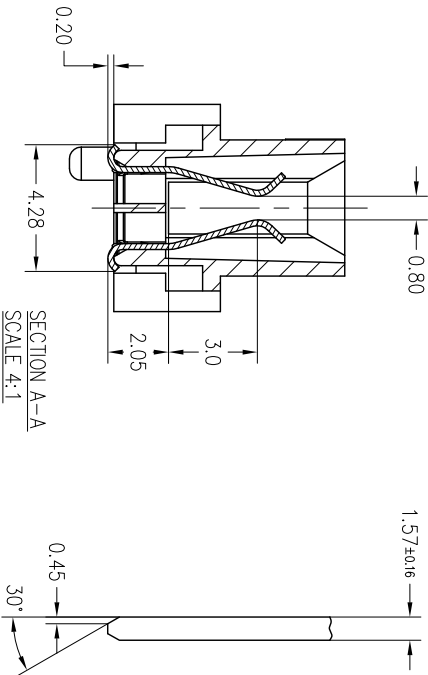
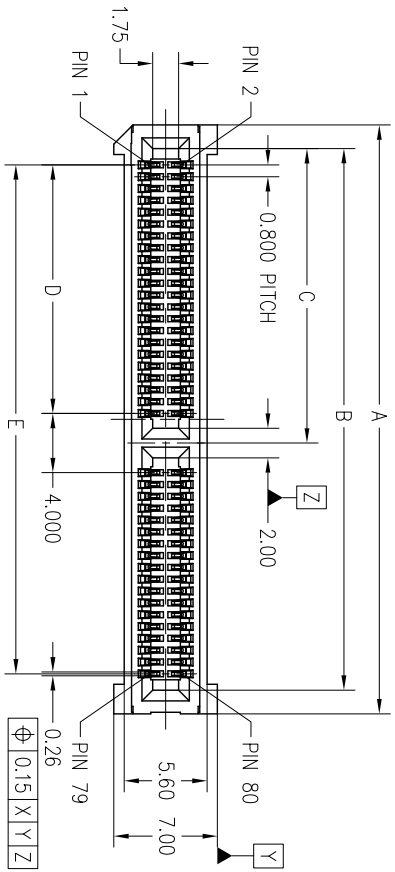
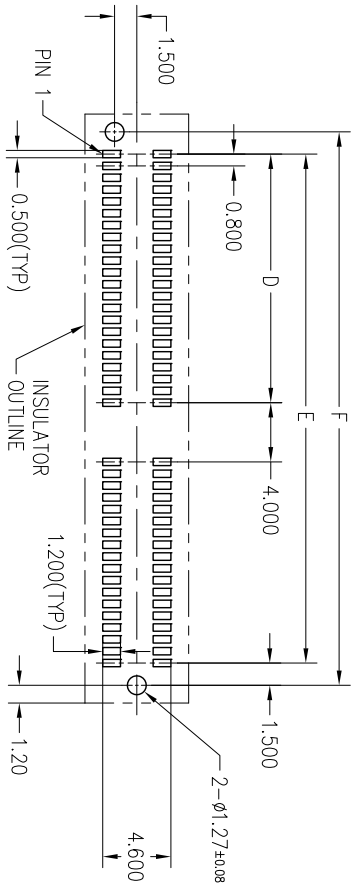
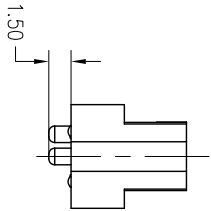
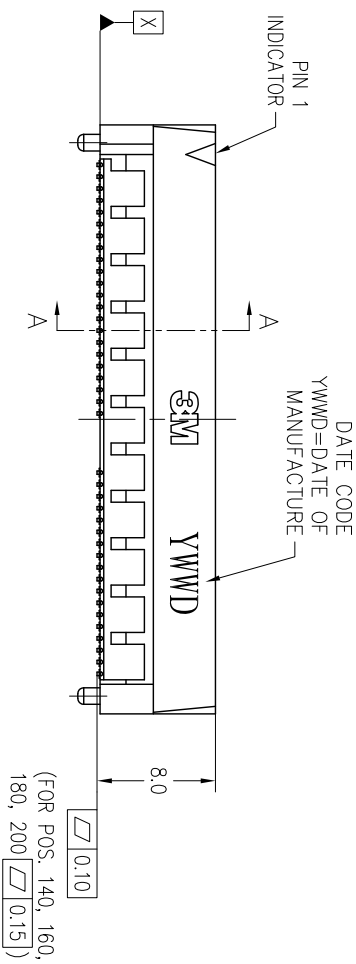


3M™ HIGH SPEED CARD-EDGE CONNECTOR, SPD08 SERIES

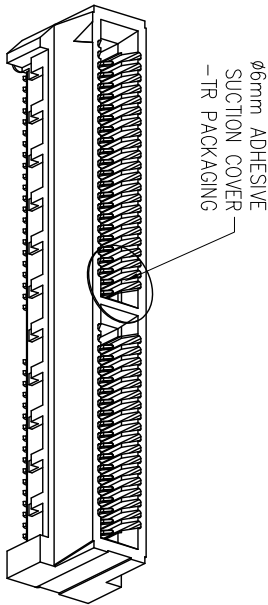
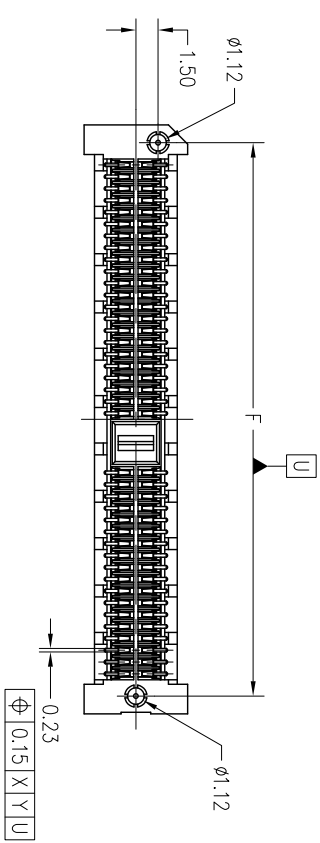
FIG. 2
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, W/O LATCH TYPE
(SHOWN: SPD08-080-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT

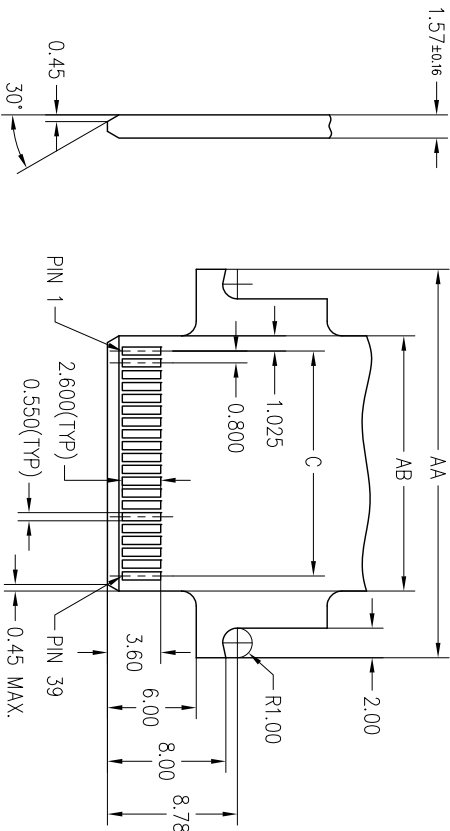
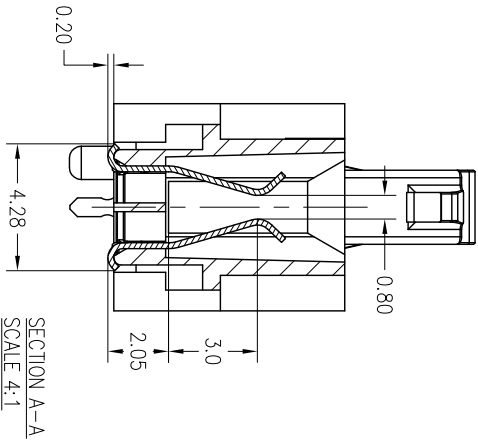
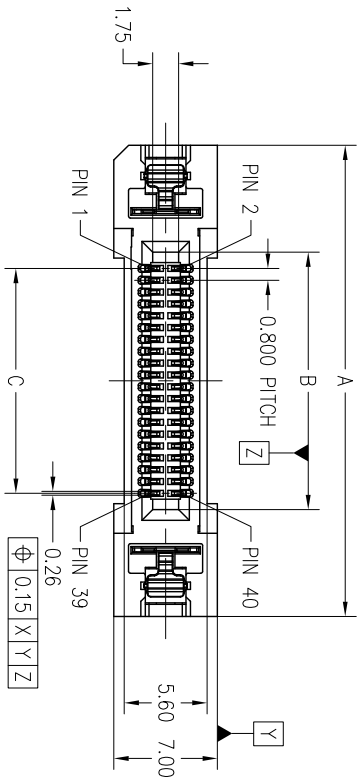


POSITIONS	DIMENSIONS						AB	AC
	A	B	C	D	E	F		
50	27.80	24.60	7.10	4.000	22.400	25.40	24.45	7.025
80	39.80	36.60	19.90	16.800	34.400	37.40	36.45	19.825
100	47.80	44.60	23.90	20.800	42.400	45.40	44.45	23.825
120	55.80	52.60	27.90	24.800	50.400	53.40	52.45	27.825
140	63.80	60.60	27.90	24.800	58.400	61.40	60.45	27.825
160	71.80	68.60	27.90	24.800	66.400	69.40	68.45	27.825
180	79.80	76.60	27.90	24.800	74.400	77.40	76.45	27.825
200	87.80	84.60	27.90	24.800	82.400	85.40	84.45	27.825

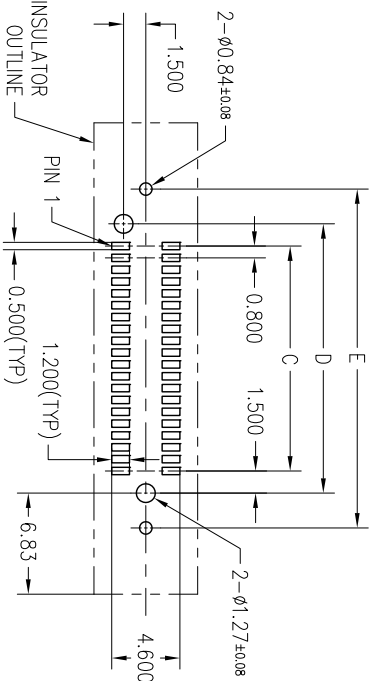
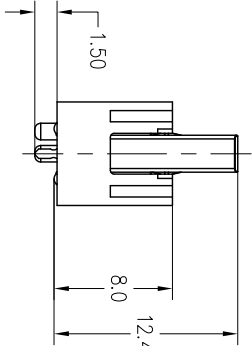
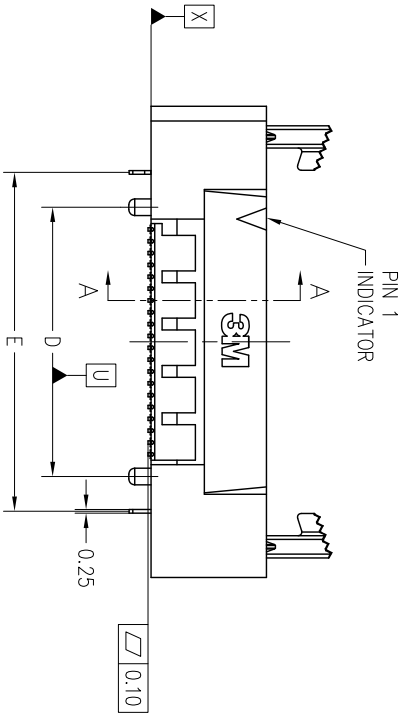
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DISTRIBUTION CODES		DRFT	K.D. LIU	DATE 05/11/11	MFG	
DIVISION	ESD	DIVISION CODE		DATE	APPR	DATE
DO NOT SCALE DRAWING	SCALE 2:1	TOLERANCES EXCEPT AS NOTED				
THIRD ANGLE PROJECTION		INCHES				
INTERPRET PER ASME Y14.5 - 1994		MILLIMETERS				
MAY SURFACE ROUGHNESS						
ALL SURFACES						
MARKED ONLY						
ANGLES ±	3°					
TITLE						
SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT						
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
	C	78-5100-2420-7	B			
MODEL	DET		YES		NO	SHT 2 OF 4

3M™ HIGH SPEED CARD-EDGE CONNECTOR, SPD08 SERIES

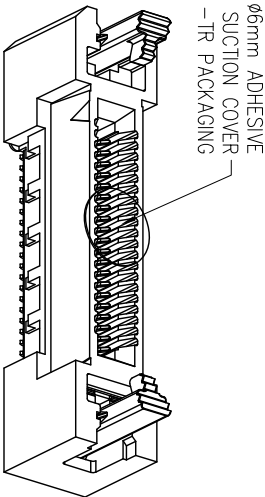
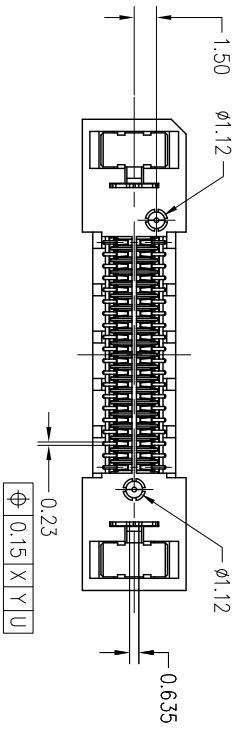
FIG. 3
FOR POSITIONS 020, 040, 060,
WITH LATCH TYPE
(SHOWN: SPD08-040-L-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT

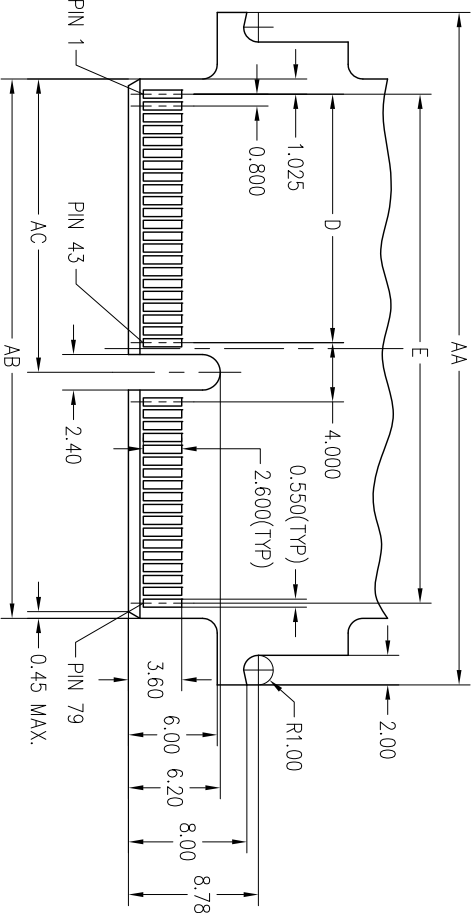
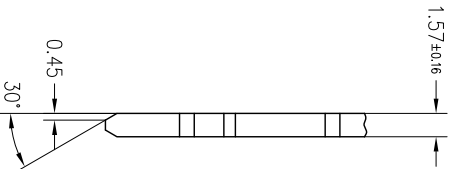
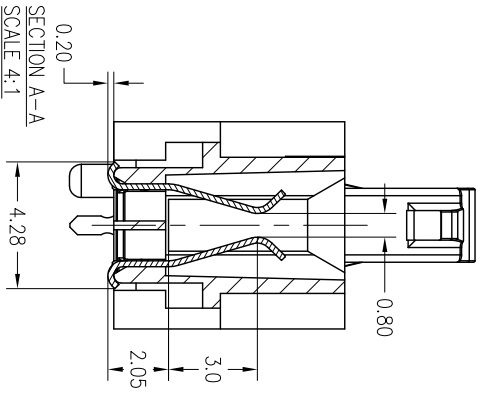
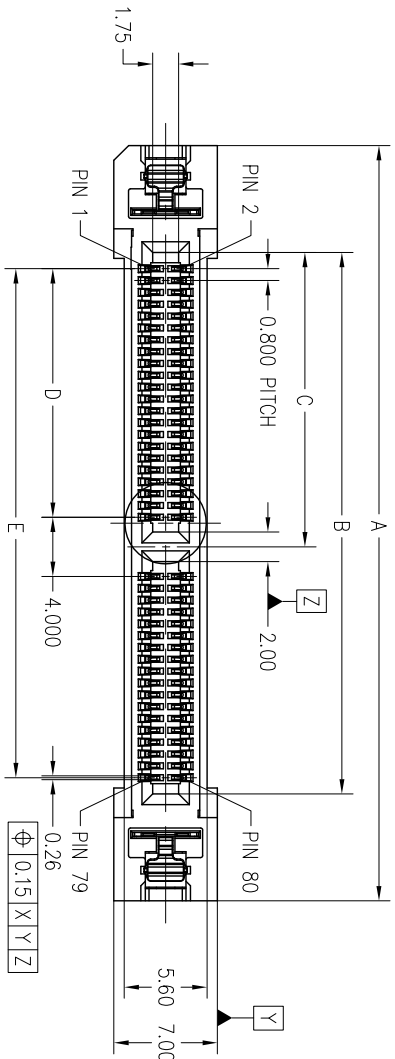


POSITIONS	DIMENSIONS					
	A	B	C	D	E	AA
20	23.85	9.40	7.200	10.20	14.90	18.25
40	31.85	17.40	15.200	18.20	22.90	26.25
60	39.85	25.40	23.200	26.20	30.90	34.25

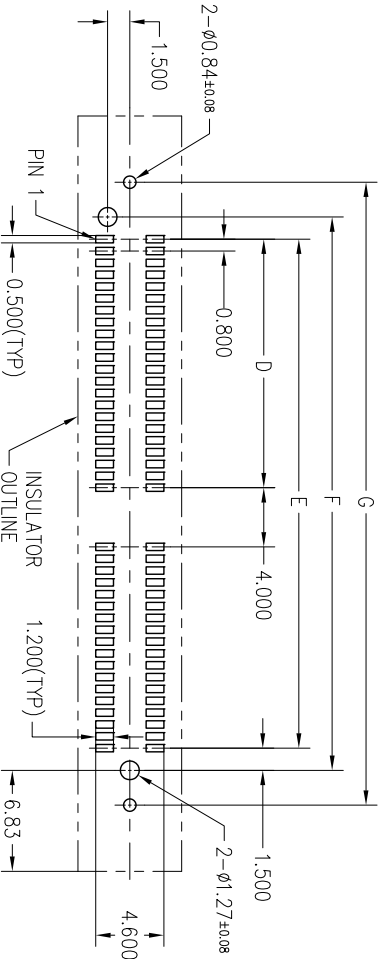
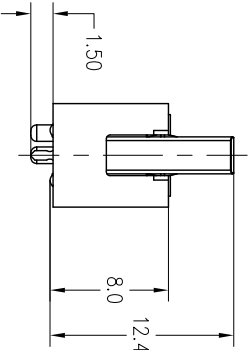
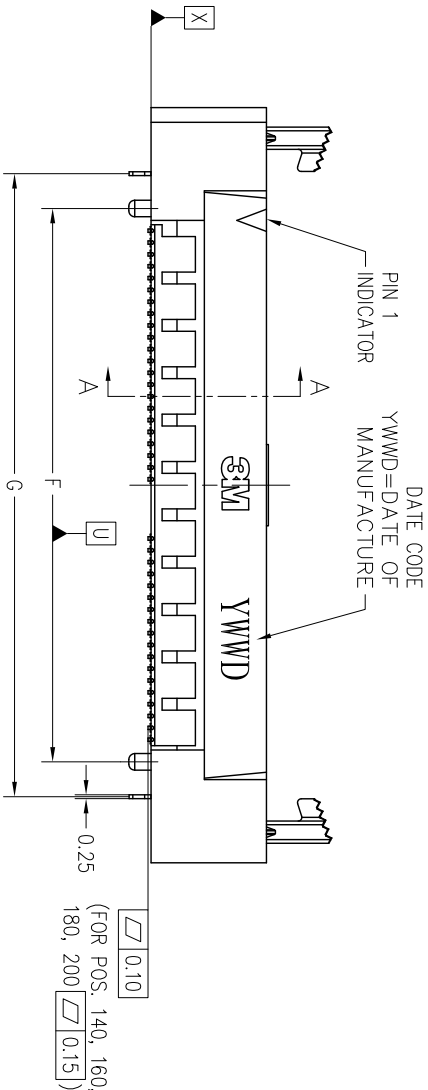
DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DISTRIBUTION CODES				DRFT		K.D. LIU	DATE 05/11/11		MFG	DATE
				CHD			DATE		APPL	DATE
DIVISION ESD		SCALE 2:1		TOLERANCES EXCEPT AS NOTED		© 3M COPYRIGHT				
DO NOT SCALE DRAWING		SCALE 2:1		TOLERANCES EXCEPT AS NOTED		This document is the copyrighted property of the 3M Company and may not be reproduced without 3M written permission or used for other than 3M authorized purposes.				
THIRD ANGLE PROJECTION		MILLIMETERS		INCHES		3M Center St. Paul, MN 55144				
INTERPRET PER ASME Y14.5 - 1994		0 ± 0.50		0 ± 0.10		SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT				
MAX SURFACE ROUGHNESS		0.00 ± 0.05		0.00 ± 0.05		CAGE NUMBER 78-5100-2420-7				
✓ ☐ ALL SURFACES MARKED ONLY		ANGLES ± 3°		MODEL		DRAWING NO. 78-5100-2420-7				
						REV. B				

3M™ HIGH SPEED CARD-EDGE CONNECTOR, SPD08 SERIES

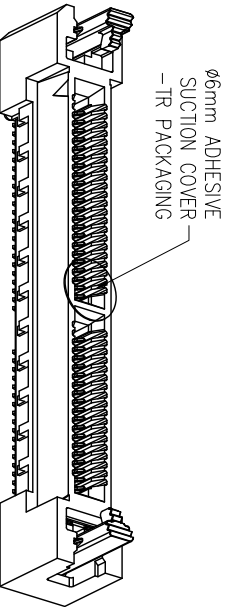
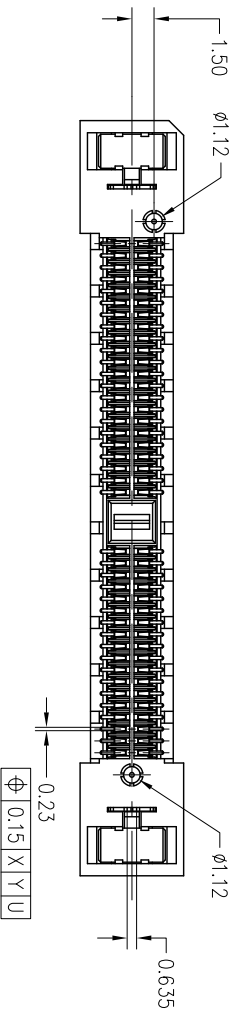
FIG. 4
FOR POSITIONS 050, 080, 100, 120,
140, 160, 180, 200, WITH LATCH TYPE
(SHOWN: SPD08-080-L-XX-TR)



RECOMMENDED MATING CARD LAYOUT



RECOMMENDED PCB LAYOUT



POSITIONS	DIMENSIONS					
	A	B	C	D	E	F

POSITIONS										
	A	B	C	D	E	F	G	AA	AB	AC
50	39.05	24.60	7.10	4.000	22.400	25.40	30.10	33.45	24.45	7.025
80	51.05	36.60	19.90	16.800	34.400	37.40	42.10	45.45	36.45	19.825
100	59.05	44.60	23.90	20.800	42.400	45.40	50.10	53.45	44.45	23.825
120	67.05	52.60	27.90	24.800	50.400	53.40	58.10	61.45	52.45	27.825
140	75.05	60.60	27.90	24.800	58.400	61.40	66.10	69.45	60.45	27.825
160	83.05	68.60	27.90	24.800	66.400	69.40	74.10	77.45	68.45	27.825
180	91.05	76.60	27.90	24.800	74.400	77.40	82.10	85.45	76.45	27.825
200	99.05	84.60	27.90	24.800	82.400	85.40	90.10	93.45	84.45	27.825

DESIGN REFERENCE		NEXT ASSEMBLY		REV		ECO	ISSUE DATE AND DESCRIPTION		DRAFT	CHKD
DISTRIBUTION CODES				DRAFT		K.D. LIU	DATE 05/11/11		MFG	DATE
DIVISION		ESD		DIVISION CODE		TOLERANCES EXCEPT AS NOTED		DATE		DATE
DO NOT SCALE DRAWING		SCALE 2:1		INCHES		MILLIMETERS		DATE		DATE
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 1994		MAY SURFACE ROUGHNESS		ALL SURFACES		ANGLES ± 3°		REV.
V		MARKED ONLY		CAGE NUMBER		DRAWING NO.		DET		REV.
				MODEL		78-5100-2420-7		YES		NO
				LISTS		SHT 4 OF 4				

SPD08 HIGH SPEED CARD EDGE CONNECTOR, 0.8MM PITCH SMT

3M Center St. Paul, MN 55144

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